





Evaluation Methodologies Before and After (B&A) Before and After with Control Comparative Parallel Before, During and After Empirical Bayes (EB) method

Application in Research Development of innovative ideas Transforming ideas into practical applications Testing the applications in the real world Perform evaluation Reporting successes and failures

Application in Operations or Maintenance Related Projects or Programs Collect 'Before' data Develop evaluation plan Implement treatment Fine-tune system Collect 'After' data Perform evaluation

Application in Safety Collect 'Before' data Identify deficiencies Conduct engineering studies Develop and implement countermeasures Collect 'After' data Perform evaluation Refine improvements, if necessary

































